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(54) Portable phone composite connector

(57) A portable phone composite connector includes a housing (2) with a connection recess (3) having a rectangular opening on a front surface (2A) thereof which is substantially flush with a surface (B1) of a portable phone. A flat connector (4) is provided within the

connection recess and comprises an insulation plate bearing signal terminals (4A). An RF terminal (5) is provided within the connection recess adjacent to the flat connectors and a reinforcing member (6) is provided for reinforcing a major wall (3A) of the connection recess.

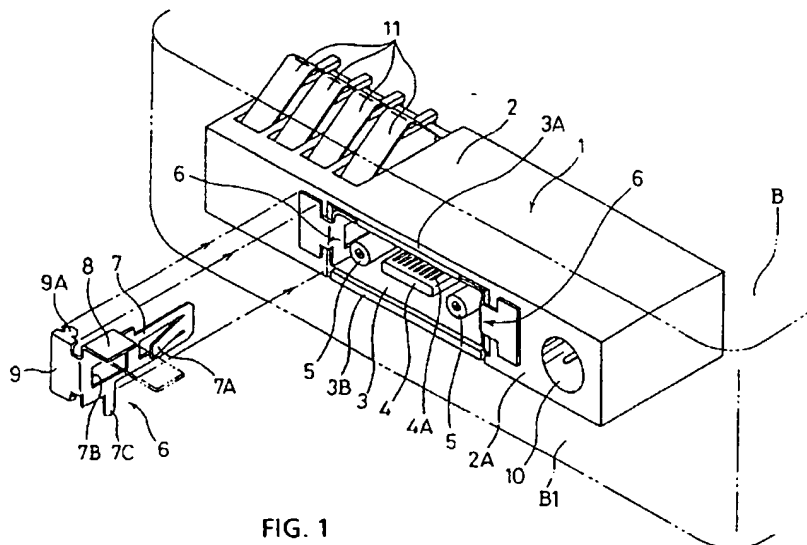


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 96 65 0011

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	US 5 190 461 A (OORUI KAZUYA ET AL) 2 March 1993 * column 1, line 7 - line 14 * * column 2, line 22 - line 29 * * column 3, line 27 - line 37 * * figure 3 *	1	H01R13/516
A	EP 0 591 723 A (MOLEX INC) 13 April 1994 * column 1, line 50 - line 57 * * column 5, line 48 - line 58 * * figures 2,4 *	1,2,4	
A	US 5 234 353 A (SCHOLZ JAMES P ET AL) 10 August 1993 * column 3, line 48 - line 56 * * column 4, line 57 - line 64 * * figure 1 *	1,2	
P,X	EP 0 701 303 A (NOKIA MOBILE PHONES LTD) 13 March 1996 * column 1, line 24 - line 33 * * column 3, line 34 - line 41 * * column 6, line 5 - line 8 * * figures 1,3,6 *	1,3,4	TECHNICAL FIELDS SEARCHED (Int.Cl.6) H01R H04M
P,X	DATABASE WPI Week 9548 Derwent Publications Ltd., London, GB; Page 1, AN 95-372095 XP002082257 "compound electrical connector" & JP 07 254453 A (HIROSE DENKI) , 3 October 1995 * the whole document *	1,4	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 27 October 1998	Examiner Demol, S
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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